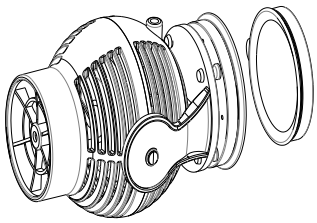
Operation Manual

50930 Jebao FS8000 Wave Maker
50931 Jebao FS14000 Wave Maker



Read and follow the operating instructions and safety information before using for the first time.

Technical changes reserved!
Due to further developments, illustrations, functioning steps and technical data can differ insignificantly.

Updating the documentation
If you have suggestions for improvement or have found any irregularities please contact us.

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Although Wiltec Wildanger Technik GmbH has made every effort to make sure that this user manual is complete, accurate and updated, errors cannot always be avoided. In the event of problems with this user manual please complete and send this form back to us.

FAX-notification (+++49 2403 55592-15**),**

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I would like to report the following mistakes:

Customer Service Wiltec Wildanger Technik GmbH
e-mail: **service@wiltec.info**
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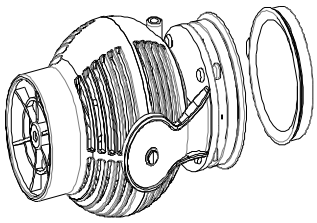
Introduction

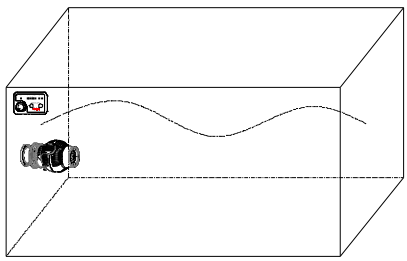
Thank you for purchasing this quality product. **To minimize the risk of injury by means of fire or electric shock we urge that our clients take some basic safety precautions when using this device. Please read the operation instructions carefully and make sure you have understood its content.**
Always use a grounded power connection with the appropriate mains voltage. You can find the corresponding mains voltage on the type plate. If you have any doubts about the connection being grounded, have it checked by a qualified professional. Never use a faulty electric cable.
Do not inspect the electrical part of the pressure pond filter in a wet or damp environment or when you are wet yourself and protect it from direct sunlight. Install this device in a safe location so that nobody can step on the cable, fall over or damage it. Disconnect the power plug before cleaning it and use only a damp cloth for cleaning. Avoid using cleaning agents and make sure that no liquid enters the electrical part of the pump.
The electric part of the device contains no parts that can be inspected or serviced by the user. Leave the maintenance, adjustment and repair to qualified technical personnel. In case of unauthorised intervention the 2-year warranty is no longer valid! Keep these operation instructions safe.

Wave Maker pump instruction

Frequency making waves pump device is a simulated marine environment, high-tech products designed specifically for the keeping of a variety of marine life, it can simulate the natural waves and whirlpools, fish and other organisms in fish tanks or ponds natural living environment. Before installing and using the proper use of this product, please read carefully to understand the instructions.



Ⅰ.Product models: FS8000, FS14000
I. Features a unique control system, multi-mode with the function of making waves, to meet basic waveform required by the user.
2, The use of low-voltage DC variable-speed pump, to ensure the personal safety of the users;
3, Easy operation panel, complex dynamic seawater;
4, the direction of flow can be followed as needed to adjust the angle;
5, wide voltage input (AC100 ~ 240V 50/60Hz), suitable for a variety of grid and voltage fluctuations can avoid making waves;
A detailed installation instructions
Ⅱ. Install the Wave maker as shown in the diagram from Figure 1



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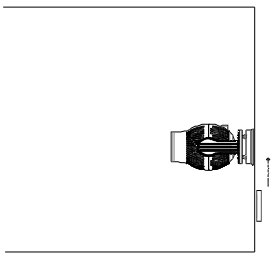
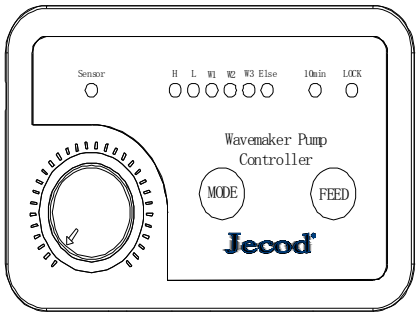


2

1. Can be use to all kinds of fish tank sizes. The thickness of the tank should preferably be less than 15mm;
2. The composition of packaging products: Wave maker pump, intelligent controller, adapter, adapter cord and double-sided adhesive photo resistor
3. Remove the magnet on the pump to install the pump in the fish tank in the desired position. Tight the rubber suction cup suction cylinder on the wall. Then oblique the rear magnet plate to the mobile suction in the outer wall of the cylinder. Please refer to figure 2, which require to carefully putting the magnet in the out wide wall due to the strong magnetic attraction force.
4. Remove the protection of the double-sided adhesive paper. Please look close to the back of the middle position of the intelligent controller, and remove the other side of the double-sided adhesive protective paper, affixed to the controller on the edge of the fish tank, as shown in Figure
5. Convenient operation. If installation is unsuccessful the controller can be removed from the fish tank.
6. Please connect the 3-pin to the controller with a fast cable then plug the adapter to connect the. Selective photosensitive devices should be installed.



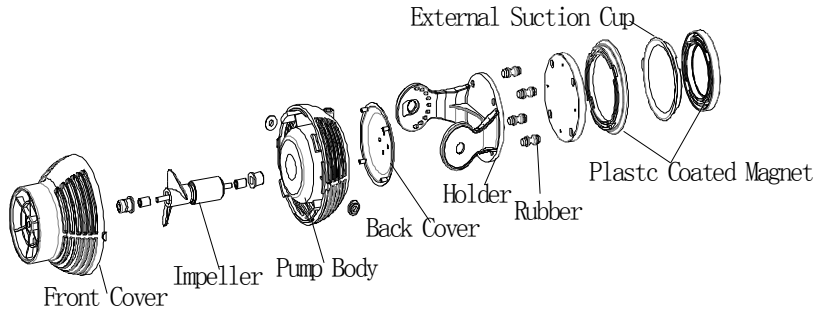
Ⅲ.Wave Maker Controller panel Instruction
1. The controller got six modes, which can be used. Please use "MODE" key to choose the one desired. The select functions are as follows:
H: Maximum flow prefixed-made streams
L: 1/3 of the maximum flow fixed flow made to flow mode;
W1: classic mode of making waves;
Using the knobs the required wave period can be adjusted.
Using the knobs you can increase and decrease the length of the waves.
The scroll would increase clockwise increased the waveform length,
Counter clockwise will reduce the wavelength.

Regulation skills of the Wave maker: To regulate the waves it is necessary needs to adjust the scroll.

W2, W3: ordinary fixed program made stream made wave mode;
this two modes you use the knob to change the fixed program's effect. It needs to be adjusted according to the creatures in the water;
Please notice: Indefinite program cause stream made wave mode;
According to the aquatic adjustment knob to change indefinite program effects;
2. Feeding function: Press the "FEED" button once, "10min" (blue lights) indicator lit, making waves pump stopped working, . This make is convenient to feed the fish without heavy waves. After 10 minutes the wave maker will automatically start work again. In case the feed function should start automatically you hit the “FEED” button until a “LOCK” red light appears.
3. To revert the function press the “Feed” key until the red indicator is switched off.
4 .light control functions: control box on the left needle transposon photosensitive element seat. Do not need light control function to remove the photosensitive element. In the day time of high light ,”sensor” yellow light is off ,the control function to work in six wave mode (green light) Low light at night., ” sensor ” lights, stop 6 making waves mode, while a weak push water features. .

Ⅴ.Please Notice:
1. In order to ensure product performance, prohibited the anhydrous to run
2. Please pay attention to the control box location to prevent water splash.
3. Please take care while fitting the magnets to the glass.
4. The controller box or adapter should not be opened. I case the warranty and responsible is not in the hands of the manufacturer.

Ⅵ. Maintenance Structural diagram



1. Regularly clean the outer parts to ensure effective action
2. Use a dry cloth to prevent water from entering the controller box
3. To clean the wave maker inside please turn the front grid by rotating it clockwise or rotate counter-clockwise to open.
4 blades with a soft clothe and water to clean the pump dirt
5. The Wave maker is suitable for indoor use in water. The motor to the wave maker will be damaged in case of running dry. The controller box does not handle water and can be damaged or dysfunction.

Disposal regulations

EU guidelines regarding the disposal of scrap electric appliances (WEEE, 2002/96/EC) were implemented in the law related to electrical and electronic equipment and appliances.

All Wiltec electric devices that fall under the WEEE regulations are labelled with the crossed-out wheeled waste bin logo. This logo indicates that this electric equipment must not be disposed with the domestic waste.

The company Wiltec Technik GmbH has been registrated in the German registry EAR under the WEEE-registration number DE45283704.

Disposal of used electrical and electronic appliances (intended for use in the countries of the European Union and other European countries with a separate collection system for these appliances).
The logo on the article or on its packaging points out that this article must not be treated as normal household waste but must be disposed to a recycling collection point for electronic and electrical waste equipment. By contributing to the correct disposal of this article you protect the environment and the health of your fellow men. Environment and health are threatened by inappropriate disposal.

Materials' recycling helps reduce the consumption of raw materials.

Additional information on recycling this article can be provided by your local community, municipal waste disposal facilities or the store where you purchased the article.

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D-52249 Eschweiler

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